

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/053182

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01M10/40 H01M10/39 H01M10/36 H01M6/14 H01M6/16  
H01G9/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01M H01G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/15258 A (MONASH UNIVERSITY; MACFARLANE, DOUGLAS, ROBERT; FORSYTH, MARIA; HUANG,) 1 March 2001 (2001-03-01) cited in the application	1-26
A	MACFARLANE D R ET AL: "Pyrrolidinium imides: a new family of molten salts and conductive plastic crystal phases" 20 May 1999 (1999-05-20), JOURNAL OF PHYSICAL CHEMISTRY. B, MATERIALS, SURFACES, INTERFACES AND BIOPHYSICAL, WASHINGTON, DC, US, PAGE(S) 4164-4170 , XP002211103 ISSN: 1089-5647 cited in the application	1-26
A	US 2002/055045 A1 (MICHOT CHRISTOPHE ET AL) 9 May 2002 (2002-05-09)	1-26

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

18 February 2005

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11/03/2005

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0115258	A	01-03-2001	AU	6720800 A		19-03-2001
			WO	0115258 A1		01-03-2001
US 2002055045	A1	09-05-2002	CA	2228801 A1		03-08-1999
			CA	2256945 A1		18-06-2000
			CA	2279399 A1		10-06-1999
			CA	2283670 A1		12-08-1999
			WO	9940025 A1		12-08-1999
			EP	0968181 A1		05-01-2000
			EP	0971854 A1		19-01-2000
			WO	9928292 A1		10-06-1999
			JP	2002500678 T		08-01-2002
			JP	2001527505 T		25-12-2001
			US	6620546 B1		16-09-2003
			US	6365301 B1		02-04-2002
			US	2002009635 A1		24-01-2002